

Sub D1
(b) detecting an amount of an acetylated peptide substrate using an anti-acetylated peptide antibody, wherein the anti-acetylated peptide antibody recognizes only an acetylated form of the peptide substrate and does not recognize the peptide substrate in its unacetylated form,

(c) comparing the amount of the acetylated peptide substrate detected in step (b) with a control amount defined as an amount of an acetylated peptide substrate detected in the absence of the test compound, and

(d) selecting the compound associated with an increase or decrease in the amount of the acetylated peptide substrate as compared to the control amount.

17. The method of claim 16 wherein the peptide substrate is p53.

18. The method of claim 16 wherein the peptide substrate is labeled.

19. The method of claim 18 wherein the label is biotin.

20. The method of claim 16 wherein the peptide substrate is immobilized on a solid phase.

21. The method of claim 16 wherein the anti-acetylated peptide antibody is labeled.

22. The method of claim 16 wherein the amount of the acetylated peptide substrate is detected by ELISA.

as claim 2
23. A kit for screening method of claim 2, comprising an anti-acetylated antibody.

A2
could
Sub
B2